

Local Weather Network System (LWNS)

Local Operations Client (LOC)
User Operations



LWNS/LOC

- Replaces legacy FCF/FO functionality
 - Added capability:
 - User-definable alert sounds and colors.
 - User-definable alphanumeric (A/N) and graphic product catalogs.
 - Ability to display other alphanumeric (A/N) products.
 - Ability to display graphic products or loops.
 - Receipt acknowledgement of Warnings, Watches, and Advisories.
 - Split-screen display for local ICAO.
 - Ability to display up to 20 alternate ICAOs.



LWNS/LOC

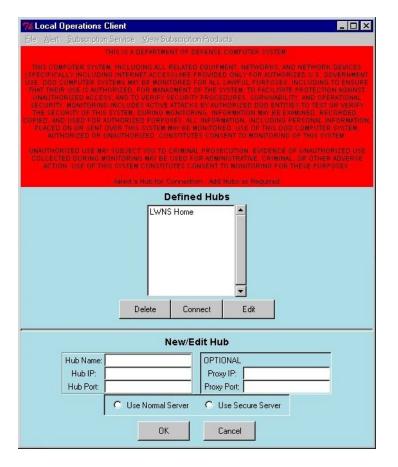
- Runs on standard Windows NT/2000.
- System now on Base LAN.
 - No longer uses dedicated two-wire circuits.
 - Configuration information (i.e. Hub Name, IP Address, Port Number, etc.) available from Base Weather Station.
- Once connected and session is accepted by N-TFS, LWNS/LOC window will appear.
 - Manual login required.
 - Only one assigned position may be active at a time.



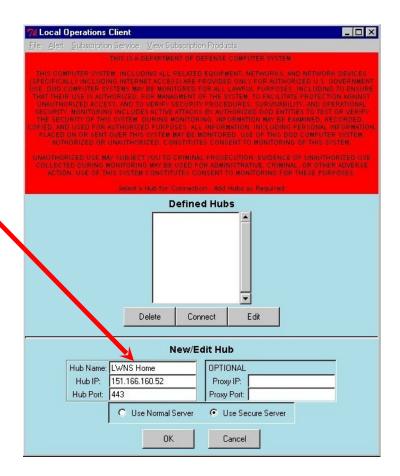
LWNS/LOC

- Three types of client logins (configurable from N-TFS Server):
 - LC Command
 - LO Operations
 - LS Supervisor of Flying (SOF)
- Login accomplished in same manner as logging into an N-TFS Client.

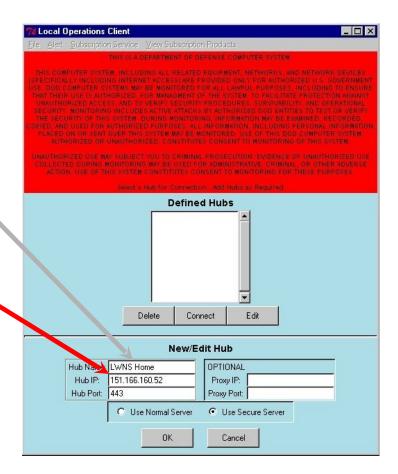
After selecting
 "TCLES con , LOC login screen appears.



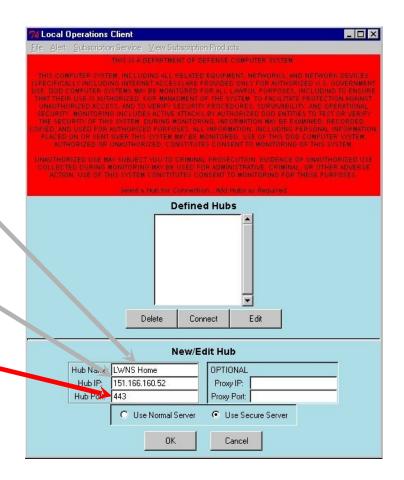
- To configure a new LOC Client:
 - Enter **Hub Name** to identify applicable N-TFS Server.



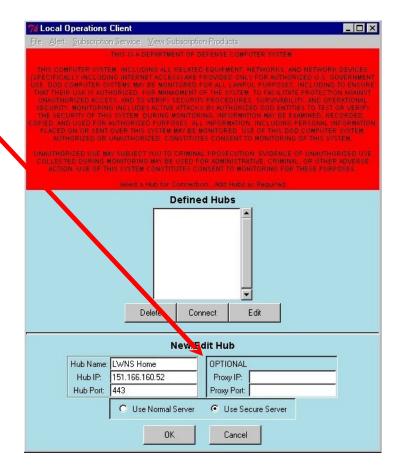
- To configure a new LOC Client:
 - 1. Enter **Hub Name** to identify applicable N-TFS Server.
 - 2. Enter **Hub IP** Address of N-TFS Server.



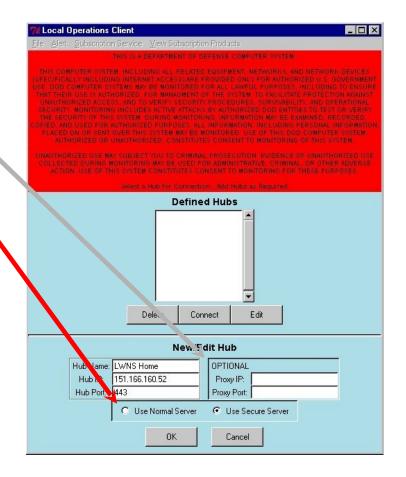
- To configure a new LOC Client:
 - 1. Enter **Hub Name** to identify applicable N-TFS Server.
 - 2. Enter **Hub IP** Address of N-TFS Server.
 - 3. Enter **Hub Port** number of N-TFS Server connection port (i.e. 82, 443, etc.).



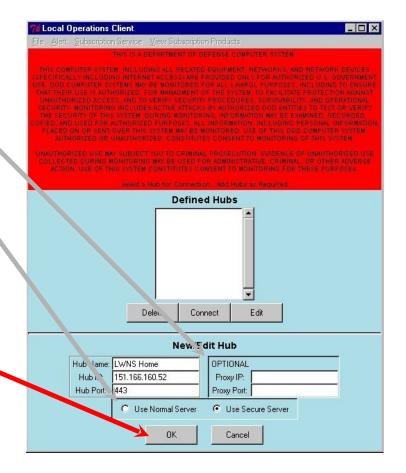
- To configure a new LOC Client:
 - 4. Enter **Proxy IP** and **Proxy Port** information (needed only when LOC location is not collocated at same base/post as the N-TFS Server).



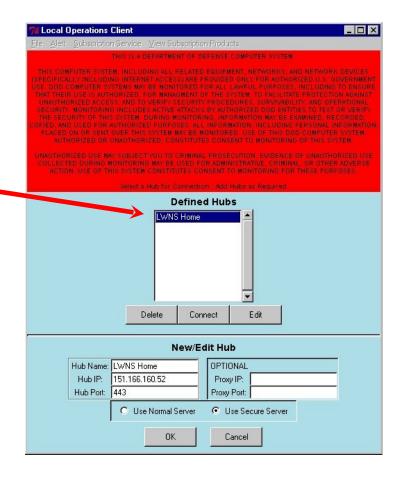
- To configure a new LOC Client:
 - 4. Enter **Proxy IP** and **Proxy Port** information.
 - 5. Select connection type (**Normal** or **Secure**).



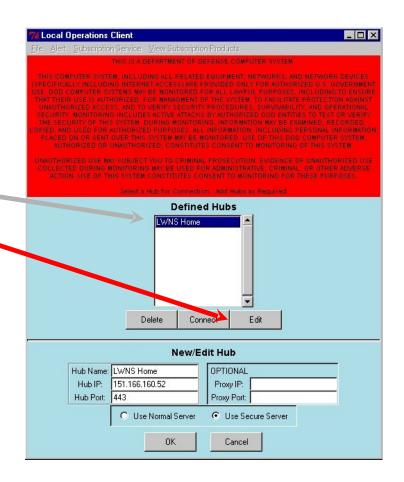
- To configure a new LOC Client:
 - 4. Enter **Proxy IP** and **Proxy Port** information.
 - 5. Select connection type (**Normal** or **Secure**).
 - 6. Click on **OK**. (New name will appear under **Defined Hubs**.)



- To reconfigure an LOC Client:
 - 1. Select a **Defined Hub**.

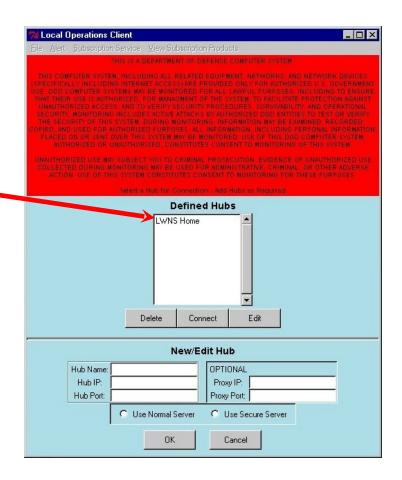


- To reconfigure an LOC Client:
 - 1. Select a **Defined Hub**.
 - 2. Click on **Edit**.
 - 3. Follow procedures in preceding slides.



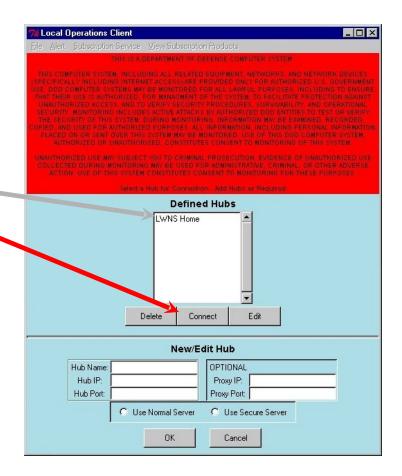


- Once configured, login to desired Hub:
 - Select a **Defined** Hub.



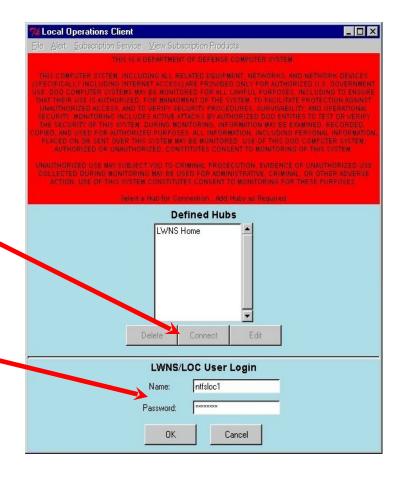


- Once configured, login to desired Hub:
 - 1. Select a **Defined Hub**.
 - 2. Click on **Connect.**



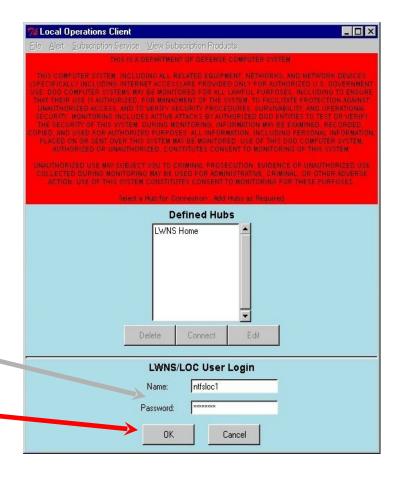


- Once configured, login to desired Hub:
 - 1. Select a Hub.
 - 2. Click on **Connect.**
 - 3. Enter **Name** and **Password** (supplied by Base Weather Station).





- Once configured, follow these procedures to Login to desired Hub:
 - 1. Select a Hub.
 - 2. Click on Connect.
 - 3. Enter **Name** and **Password** (supplied by Base Weather Station).
 - 4. Click on **OK.**





5. Select position type/number.



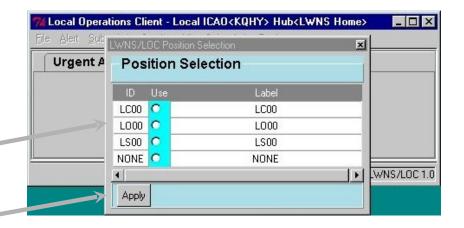


- 5. Select position type/number.
- 6. Click on **Apply**.





- 5. Select position type/number.
- 6. Click on Apply.
- 7. **Local Operations Client** window appears.







To set User Alert
 Preferences, click on
 Alert, Preferences.



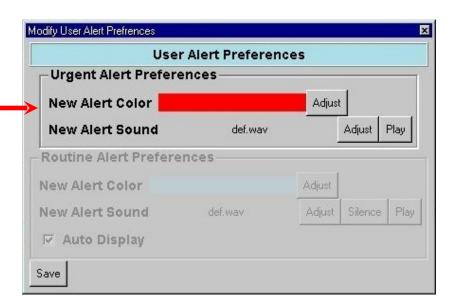


- To set User Alert
 Preferences, click on
 Alert, Preferences.
- User Alert
 Preferences dialog
 appears.



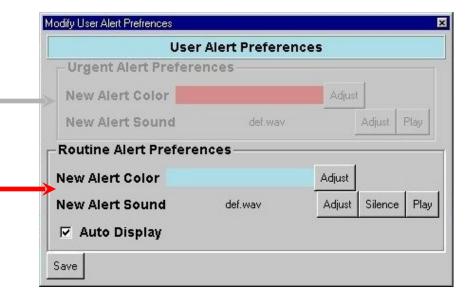


To set Urgent Alert
 Preferences, use this box.





- To set Urgent Alert— Preferences, use this box.
- To set Routine Alert Preferences, use this box.





- To set Urgent Alert— Preferences, use this box.
- To set Routine Alert
 Preferences, use this box.
- When finished, click on Save.





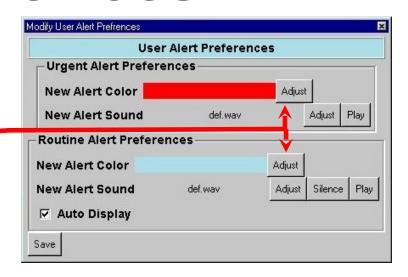
- To set Urgent Alert _____
 Preferences, use this box.
- To set Routine Alert
 Preferences, use this box.
- When finished, click on Save.

 The following slides show how to set alert color and sound preferences.



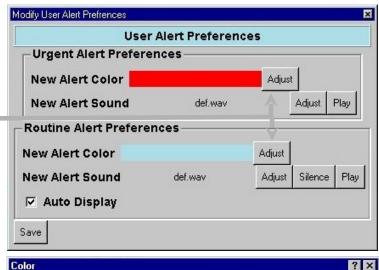


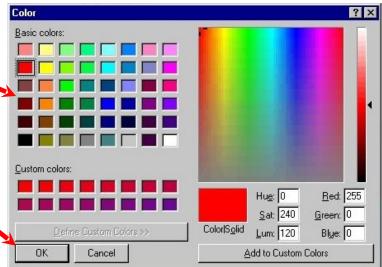
 To set an alert color, click on Adjust.





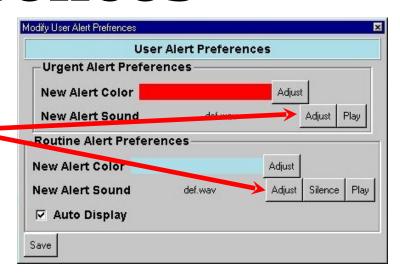
- To set an alert color, click on Adjust.
- Color dialog appears.
- Select a color.
- Click on **OK.**





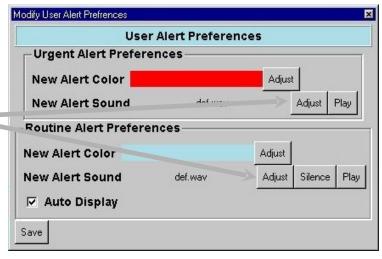


 To set an alert sound, click on Adjust.





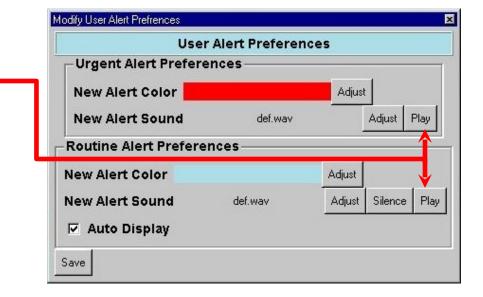
- To set an alert sound, click on Adjust.
- Open dialog appears revealing available sounds. (Any wav file can added to sounds folder and used)
- Select a sound
- Click on <u>Open</u>.





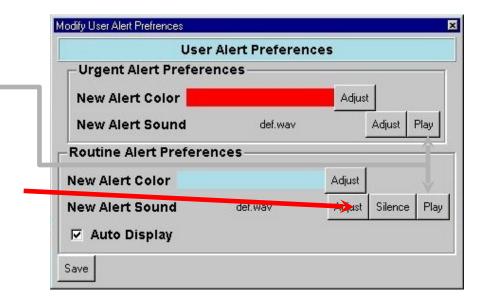


 To hear selected sound, click on Play.



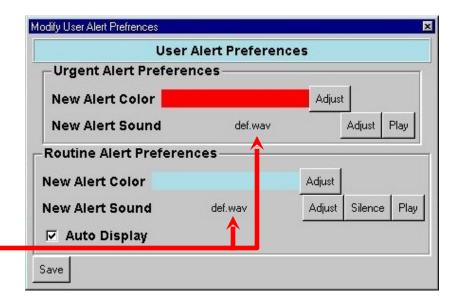


- To hear selected sound, click on Play.
- To silence the alert sound, click the
 Silence button.





 When an alert is received, you will the hear the alert sound that is selected in User Alert, Preferences.





LWNS/LOC - Alerts

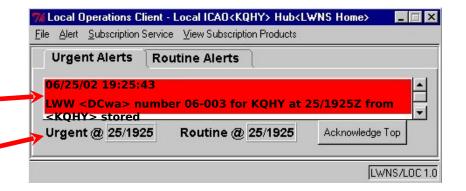
- When an alert is received, the time the alert was received is displayed here.
- **NONE** is displayed if there are no active alerts.





LWNS/LOC - Alerts

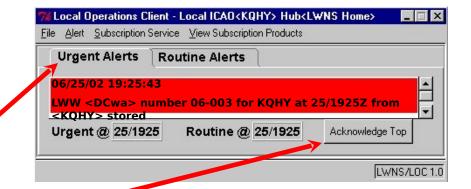
- When an Urgent Alert is received, User will:
 - See textual notification of actual alert.
 - See time the alert was received.
 - Hear alert sound.





LWNS/LOC - Alerts

- To acknowledge an Urgent Alert (and to turn off the alert sound):
 - Select the Urgent
 Alerts tab.
 - Click on the
 Acknowledge Top
 button.





- When a Routine
 Alert is received,
 User will:
 - See textual notification of actual alert.
 - See time alert was received.
 - Hear alert sound.



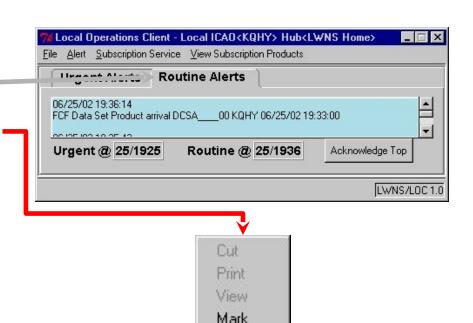


- To acknowledge a Routine Alert:
 - Select Routine Alerts.





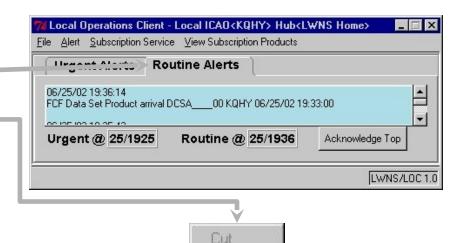
- To acknowledge a Routine Alert:
 - Select Routine Alerts.
 - Right-click in alert window. (Alert option panel appears).



Mark All UnMark



- To acknowledge a Routine Alert:
 - Select Routine Alerts.
 - Right-click in alert window. (Alert option panel appears.)
 - Select **Mark** to remove one alert,



Print View Mark Mark All UnMark



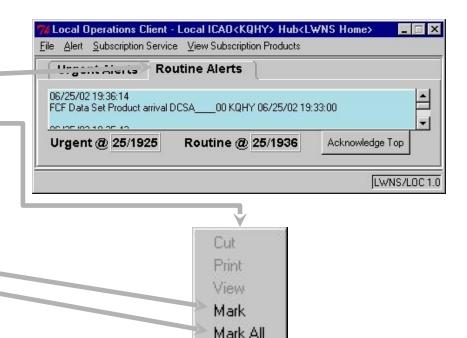
- To acknowledge a Routine Alert:
 - Select Routine Alerts.
 - Right-click in alert window. (Alert option panel appears.)
 - Select Mark to remove one alert, Mark All to remove all alerts,



View Mark Mark All UnMark



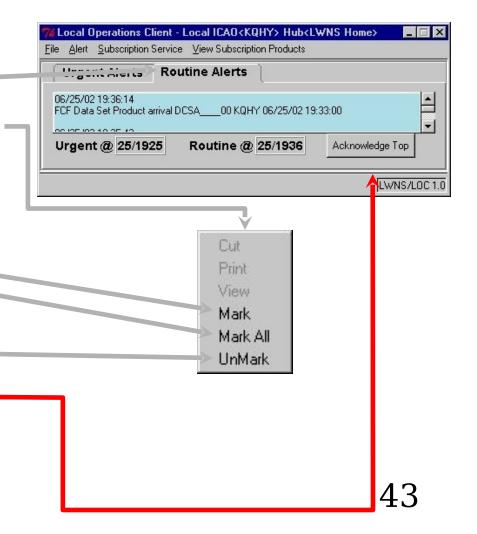
- To acknowledge a Routine Alert:
 - Select Routine Alerts.
 - Right-click in alert window. Alert option panel appears.
 - Select Mark to remove one alert, Mark All to remove all alerts, or UnMark to deselect already marked alerts.



UnMark



- To acknowledge a Routine Alert:
 - Select Routine Alerts.
 - Right-click in alert window. (Alert option panel appears.)
 - Select Mark to remove one alert, Mark All to remove all alerts, er UnMark to deselect already marked alerts.
 - Click on Acknowledge
 Top to remove the marked alert(s).





- **Urgent Alerts** are received when Warnings, Watches, and Advisories are received.
- The selected Urgent Alert sound will sound continuously until the Acknowledge Top button is depressed.
 - A receipt acknowledgement (RAP) is automatically generated.
- Only one Urgent Alert can be acknowledged at a time.



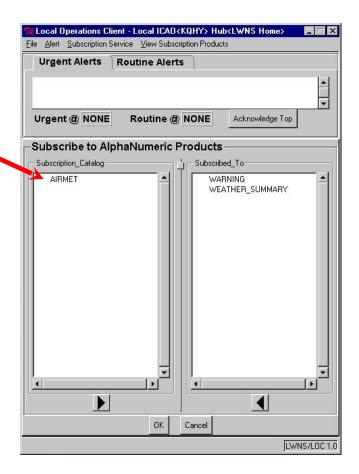
- Routine Alerts are received when normal datasets are received.
- The selected Routine Alert sound will sound only once, upon receipt.

- To view available products, User must first "subscribe" to them.
- The A/N and graphical product catalog is initially defined from the N-TFS Server.
- Then the user must use the **Subscription Service** to select items from the product catalog.
- After this is accomplished, you can view available products by using the <u>View</u>
 Subscription Products menu.

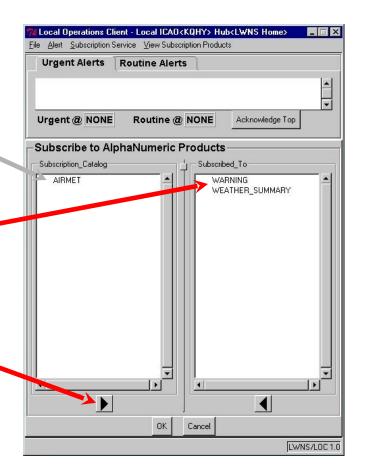
- To select available A/N products, click on <u>Subscription</u>
 Service.
- Click on <u>Alpha</u>
 Numeric.



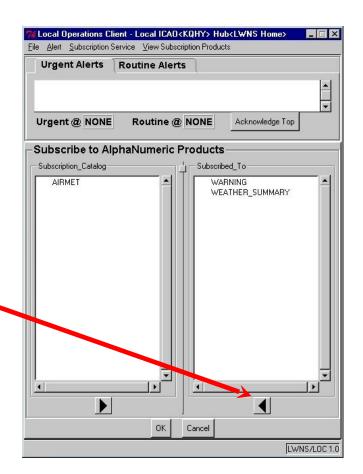
Select a product(s)
 from the
 Subscription
 Catalog (left pane).



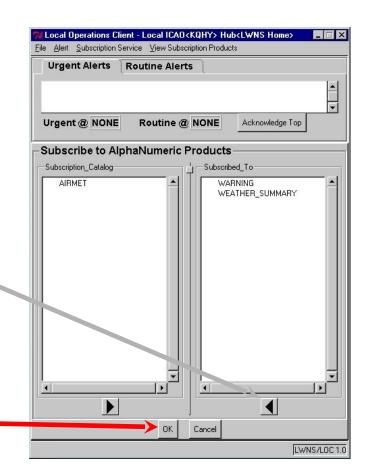
- Select a product(s)
 from the
 Subscription
 Catalog (left pane).
- Move the product(s)
 to the Subscribed_To
 window (right pane),
 by using the right
 arrow.



 To deselect a product, move it from the Subscribed_To window back to the Subscription Catalog by using the left arrow.



- To deselect a product, move it from the Subscribed_To window back to the Subscription Catalog by using the left arrow.
- When finished with product selection/deselection, click on **OK.**

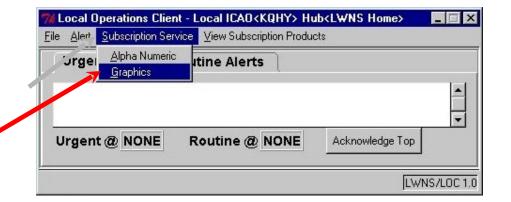


 To select available graphic products and loops, click on

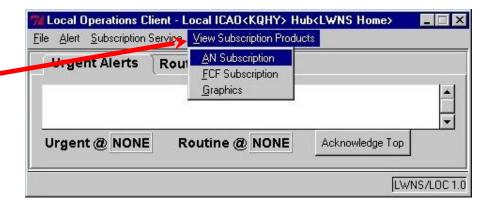
Subscription Service.



- To select available graphic products and loops, click on
 Subscription
 Service.
- Click on **Graphics**.
- Rest of process is same as selecting A/N products.



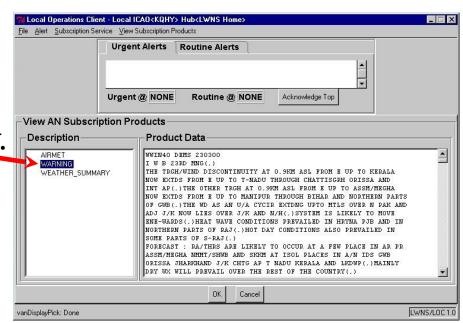
To view available
 A/N products, click
 on <u>V</u>iew
 Subscription
 Products.



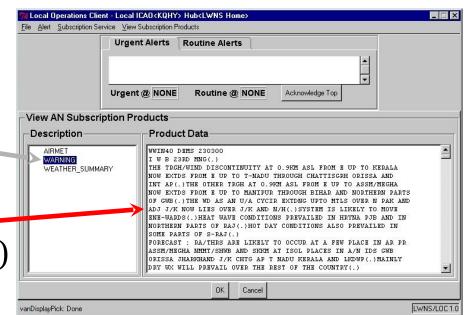
- To view available
 A/N products, click
 on <u>View</u>
 Subscription
 Products.
- Click on AN
 Subscription.



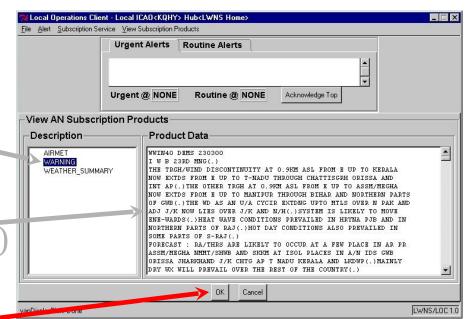
 Select a product from the **Description** window.



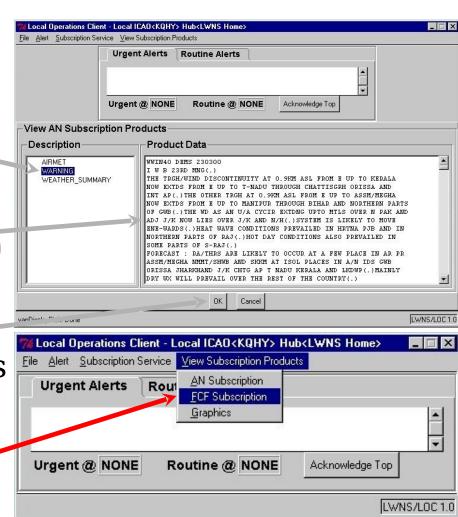
 Select a product from the **Description** window. (Desired A/N product appears in _______
 Product Data window.)



- Select a product from the **Description** window. (Desired A/N product appears in **Product Data** window.)
- When finished, select
 OK.



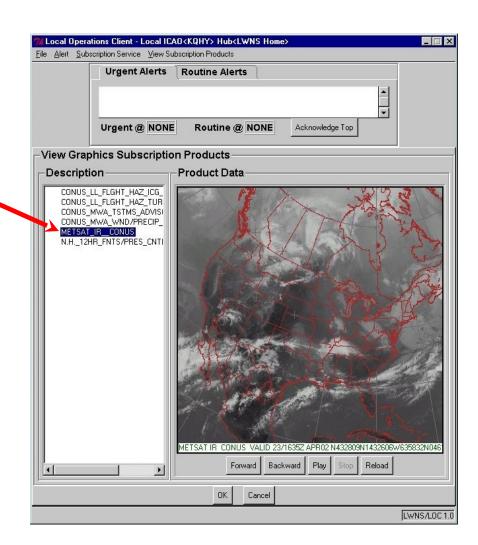
- Select a product from the **Description** window. (Desired A/N product appears in **Product Data** window.)
- When finished, select
 OK.
- Follow same procedures to view items in <u>FCF</u> Subscription.



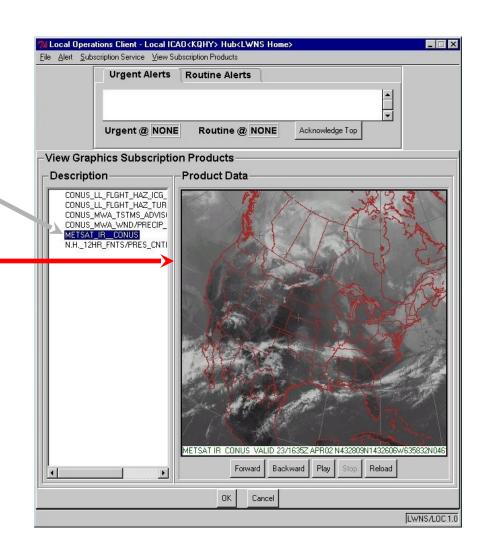
- To view available graphic products and loops, click on <u>View Subscription</u> Products.
- Click on **Graphics**.



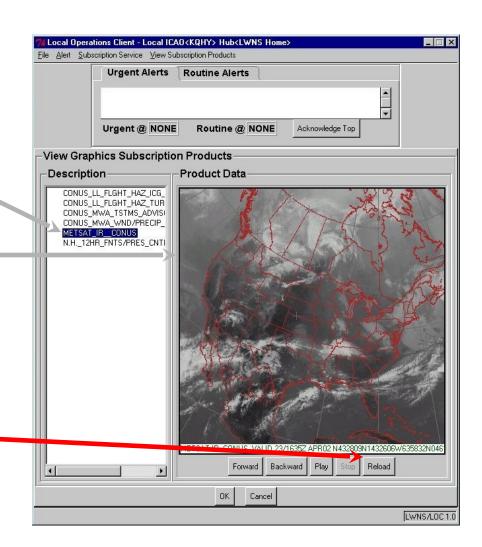
 Select a product from the Description window.



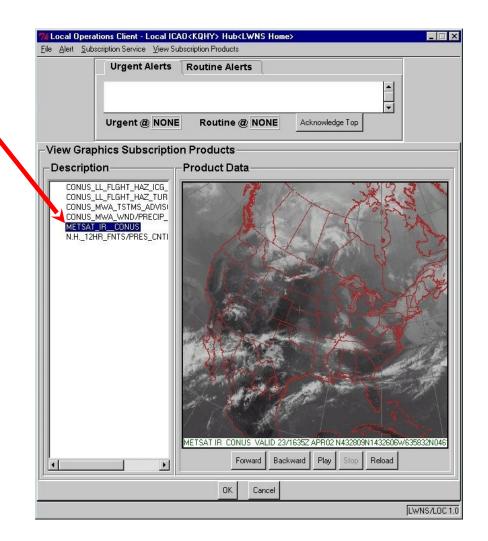
- Select a product from the **Description** window.
- Desired product appears in Product Data window.



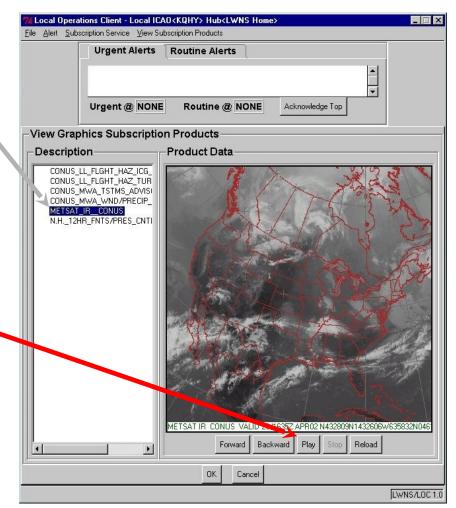
- Select a product from the **Description** window.
- Desired product appears in **Product Data** window.
- To look for an updated product, click on Reload.



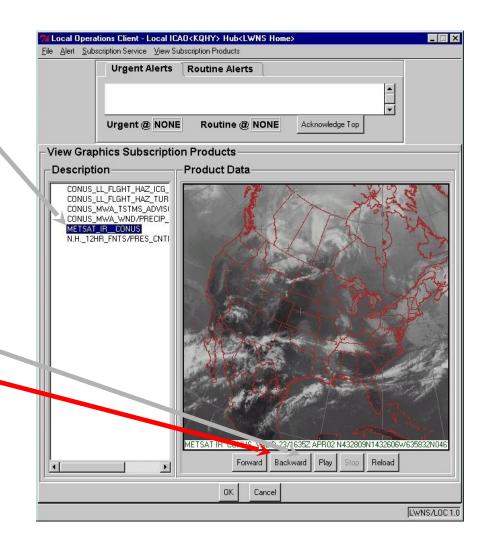
To view loop of images, first click on the item
 Description (may take 30 seconds to 2 minutes to load, depending on size and LAN traffic).



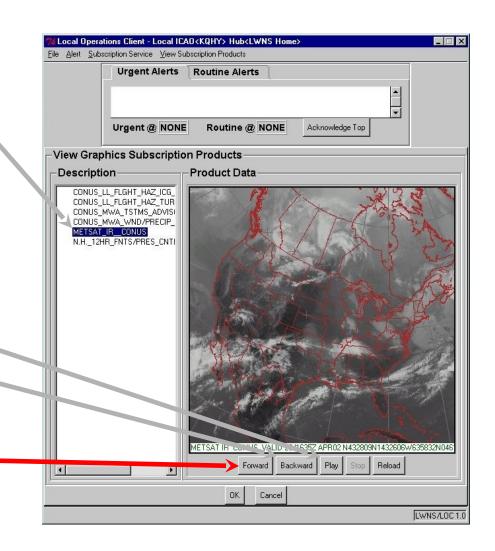
- To view loop of images, first click on the item
 Description (may take 30 seconds to 2 minutes to load, depending on size and LAN traffic).
- Click on **Play**.



- To view loop of images, first click on the item
 Description (may take, 30 seconds to 2 minutes to load, depending on size and LAN traffic).
- Click on Play.
- To loop images in reverse order, click on Backward.



- To view loop of images, first click on the item
 Description (may take 30 seconds to 2 minutes to load, depending on size and LAN traffic).
- Click on **Play**.
- To loop images in reverse order, click on Backward.
- To return loop to normal play, click on Forward.



- To exit the LOC application:
 - Click on **File**,
 - Click on **Exit**.





Contacts

- For Technical Assistance, contact the AFWA Help Desk:
 - DSN 271-2586
 - Commercial (402) 294-2586
- For Subscription Assistance, contact Base Weather Station.
- For Training Information, contact AFWA/DNTT:
 - DSN 271-6722/9650
 - Commercial (402) 294-6722/9650